



# PRODUCT DATA

**Brand Name:** RESCOCAST 17AC COARSE

**Description:** RESCOCAST 17AC COARSE is a high purity, low iron, low silica hydraulic setting castable that contains a coarse aggregate. Low iron and low silica contents of less than 0.1 to 0.2 percent make RESCOCAST 17AC COARSE an ideal choice for reducing atmospheres such as hydrogen and/or carbon monoxide.

Physical properties shown are average values of samples taken under controlled conditions  
ASTM test methods used where applicable

**Maximum Service Temperature: 3400°F (1870°C)**

	Cast Data	
<b>Bulk Density (pcf)</b>		
After 1500°F (815°C)	180	(2.88 g/cm <sup>3</sup> )
After 2200°F (1205°C)	174	(2.79 g/cm <sup>3</sup> )
<b>Cold Crushing Strength (psi)</b>		
After 1500°F (815°C)	9500	(665 kg/cm <sup>2</sup> )
<b>Permanent Linear Change (%)</b>		
After 1500°F (815°C)	-0.2 to 0.0	
After 2200°F (1205°C)	+0.2 to +0.5	

### Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	94.9
Silica (SiO <sub>2</sub> ) .....	0.1
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.1
Titania (TiO <sub>2</sub> ) .....	Trace
Lime (CaO) .....	4.6
Magnesia (MgO) .....	0.1
Alkalies (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.2

**Standard Packaging:** 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 0463

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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